

**(19) World Intellectual Property
Organization
International Bureau**



(43) International Publication Date
21 July 2005 (21.07.2005)

PCT

(10) International Publication Number
WO 2005/066037 A1

- (51) **International Patent Classification⁷:** **B65D 75/58,** (74) **Agent:** BROOKHUIS, H.J.A.; Exter Polak & Charlouis
B65B 61/18, B29C 65/02, 65/00 B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(21) **International Application Number:** PCT/NL2004/000919 (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) **International Filing Date:** 28 December 2004 (28.12.2004)

(25) **Filing Language:** Dutch

(26) **Publication Language:** English

(30) **Priority Data:** 1025183 7 January 2004 (07.01.2004) NL

(71) **Applicant:** IPN IP B. V. [NL/NL]; 1, Voorveste, NL-3992 DC Houten (NL).

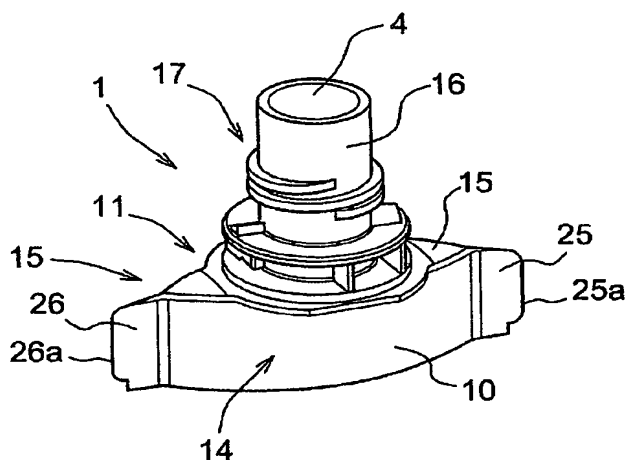
(72) **Inventor; and**

(75) **Inventor/Applicant** (*for US only*): **LAST, Laurens** [NL/MC]; Les Ligurs (1005), 2, Rue Honore Labande, MC-98000 Monaco (MC).

(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: PLASTIC MEDIUM FEED-THROUGH PART



(57) **Abstract:** A plastic medium feed-through part, for example a spout, designed to be sealed by means of a sealing technique between film walls of a bag, comprising a plastic body which forms a channel (4) for dispensing a medium from the bag and/or feeding it to the bag, which body has sealing sides (10, 11) situated opposite each other, each for achieving a sealed connection to an adjoining film wall, which sealing sides are substantially flat and free from ribs. Each sealing side has a rough surface structure. The surface roughness value of the sealing sides preferably lies between 20 and 40 in accordance with VDI Richtlinie 3400. The feed-through part can be provided with an anti-nesting projection (20) on the side intended to be inside the bag or with an element (101) for holding the bag open. Several methods for sealing a feed-through part to a bag are also provided.

WO 2005/066037 A1



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.